



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Advanced Garage Door Corp.**  
9422 N.W. 109 Street  
Medley, FL 33178

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: 24 ga Raised Panel Steel Sectional Garage Door up to 16'-0" Wide**

**APPROVAL DOCUMENT:** Drawing No. 07-21, titled "Sectional Residential Garage Door", sheets 1 through 4 of 4, dated 10/31/2007, with revision B dated 01/08/2013, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 08-0415.03 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



*[Signature]*  
10/13/2013

NOA No. 13-0805.07  
Expiration Date: October 23, 2018  
Approval Date: September 19, 2013  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **07-21**, titled "Sectional Residential Garage Door", sheets 1 through 4 of 4, dated 10/31/2007, with revision B dated 01/08/2013, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS "Submitted under NOA # 08-0415.03"**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of 24 GA Steel Overhead Sectional Garage Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-4283**, dated 09/26/2007, signed and sealed by Candido F. Font, P.E.
2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-9  
along with marked-up drawings and installation diagram of 24 GA Steel Overhead Sectional Garage Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-4284**, dated 09/26/2007, signed and sealed by Candido F. Font, P.E.
3. Tensile Test per ASTM E-8 of a 24 GA (0.025") thick Steel Skin, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-T752**, dated 09/29/2007, signed and sealed by Candido F. Font, P.E.
4. Salt Spray Test per ASTM B117 for 1000 hrs of painted G-40 panels, prepared by Q.C. Metallurgical, Inc., Test Report No. **8EM-557**, dated 07/14/2008, signed and sealed by Frank E. Grate, Jr., P.E.

**C. CALCULATIONS**

1. Anchor verification calculations prepared by Al-Farooq Corporation, dated 01/08/2013, signed and sealed by Javad Ahmad, P.E.  
  
*"Submitted under NOA # 08-0415.03"*
2. Anchor verification calculations, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 03/12/08, signed and sealed by Humayoun Farooq, P.E.

**D. QUALITY ASSURANCE**


1. Miami-Dade Department of Regulatory and Economic Resources (RER)

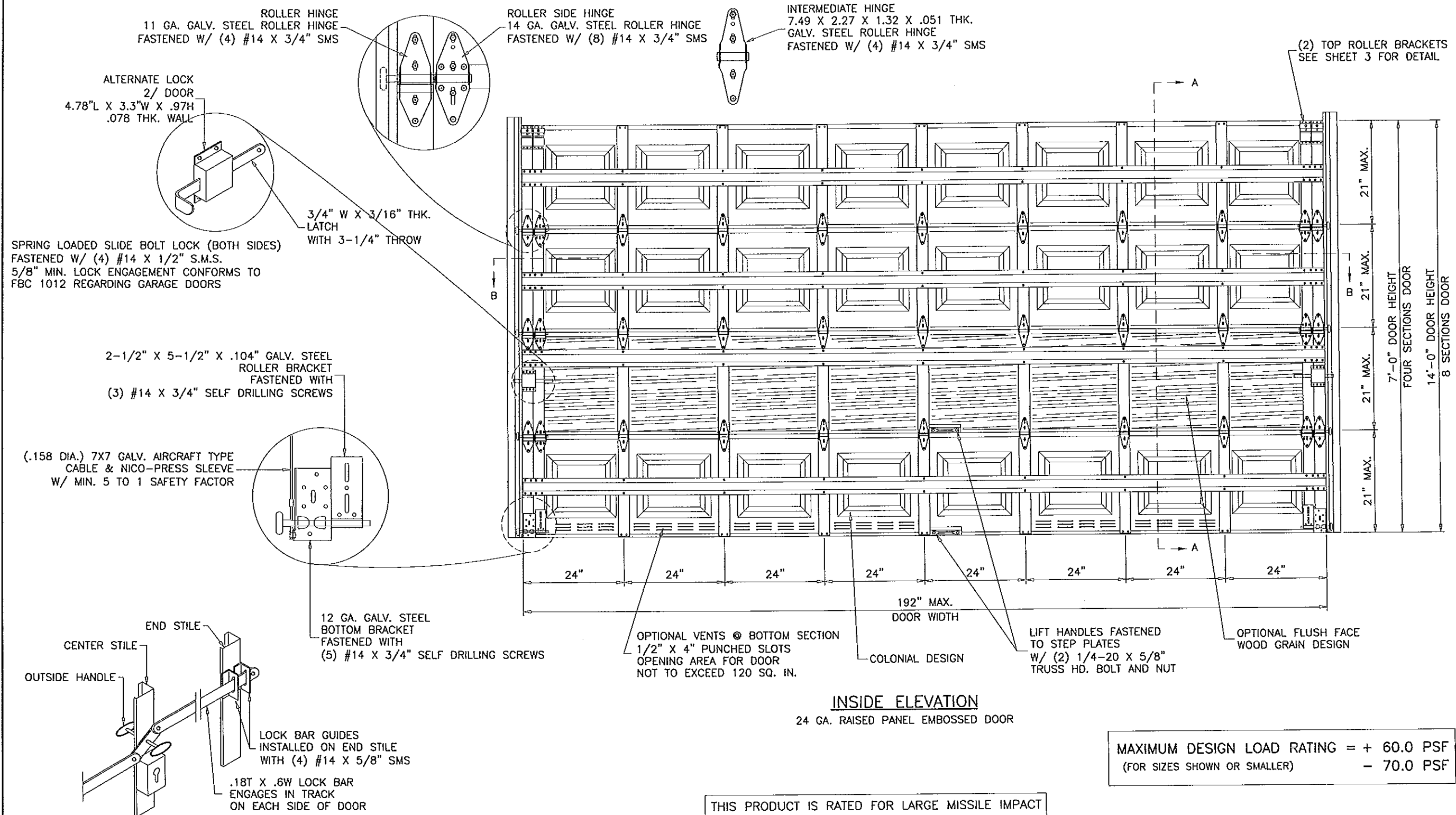
**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 FBC issued by Al-Farooq Corporation, dated 01/08/2013, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of no financial interest issued by Al-Farooq Corporation, dated 03/12/2008, signed and sealed by Humayoun Farooq, P.E. *"Submitted under NOA # 08-0415.03"*

  
09/13/2013  
\_\_\_\_\_  
Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 13-0805.07  
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Approval Date: September 19, 2013



INSIDE ELEVATION  
24 GA. RAISED PANEL EMBOSSED DOOR

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF  
(FOR SIZES SHOWN OR SMALLER) - 70.0 PSF

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

### GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC PLATED CARBON STEEL.
4. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
5. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUL 31 2013

PRODUCT RENEWED  
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Acceptance No 13-0805.07  
Expiration Date 10/23/2018  
By *[Signature]*  
Miami Dade Product Control

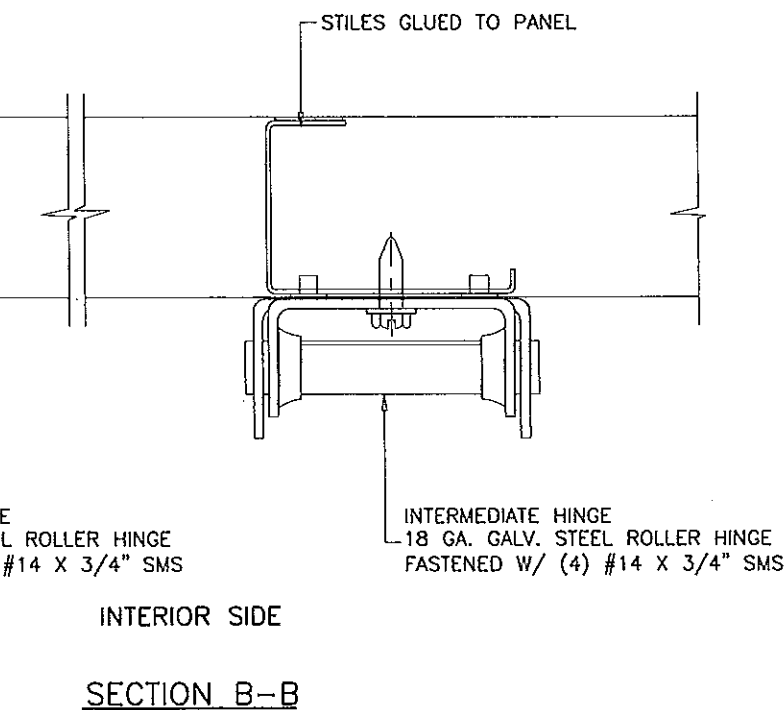
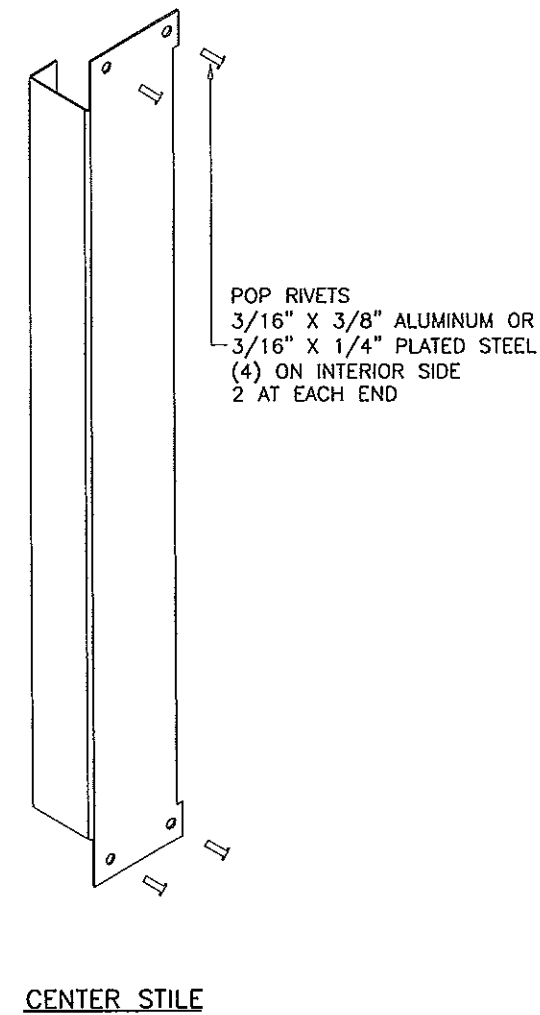
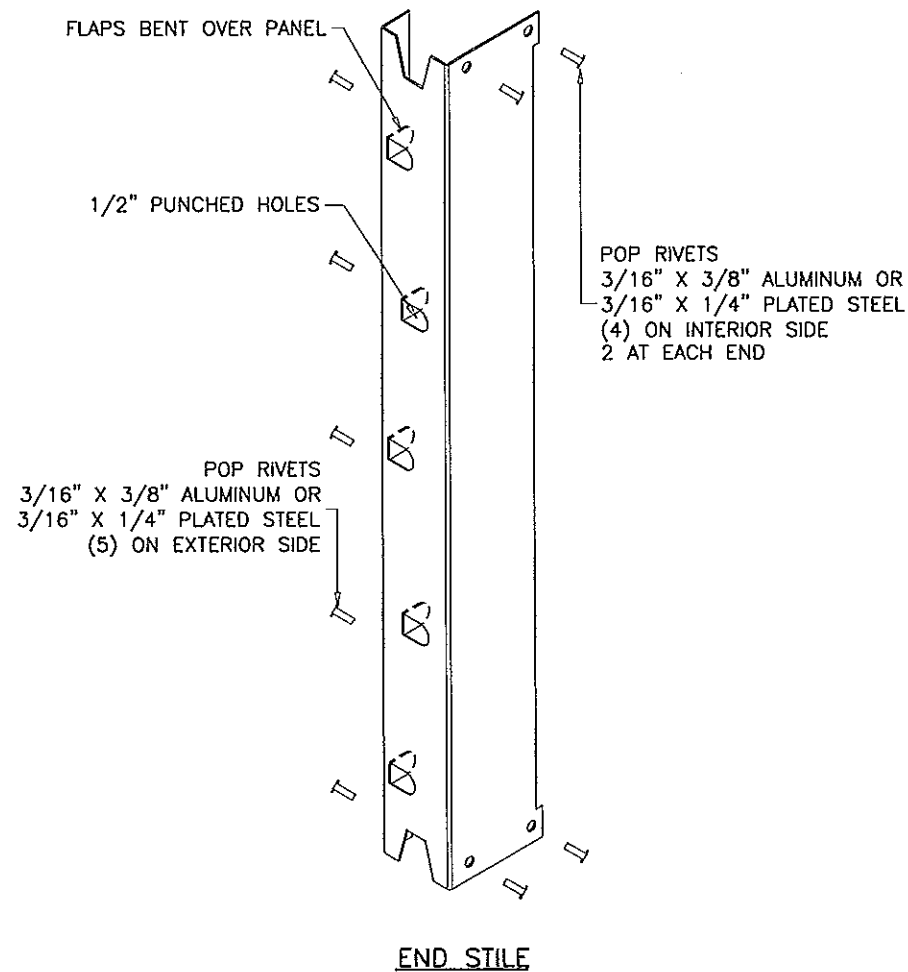
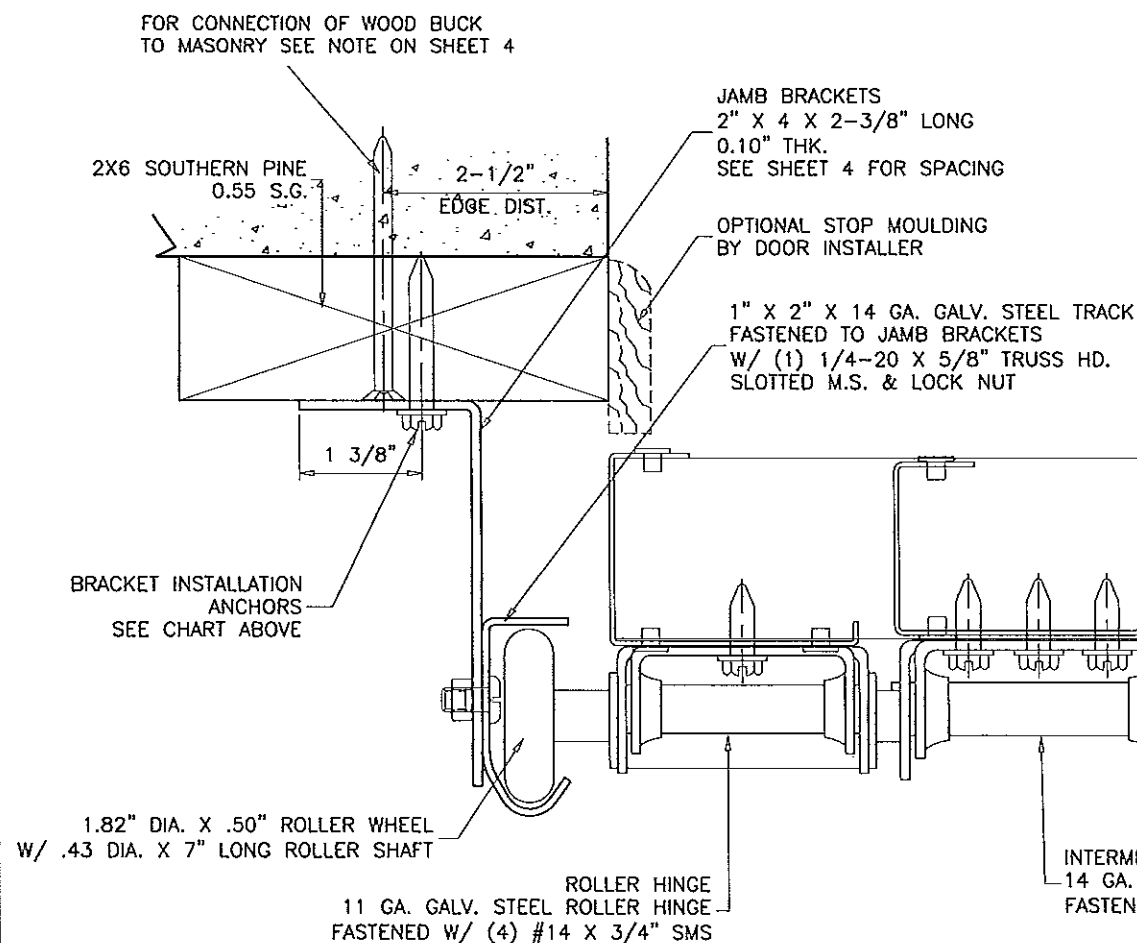
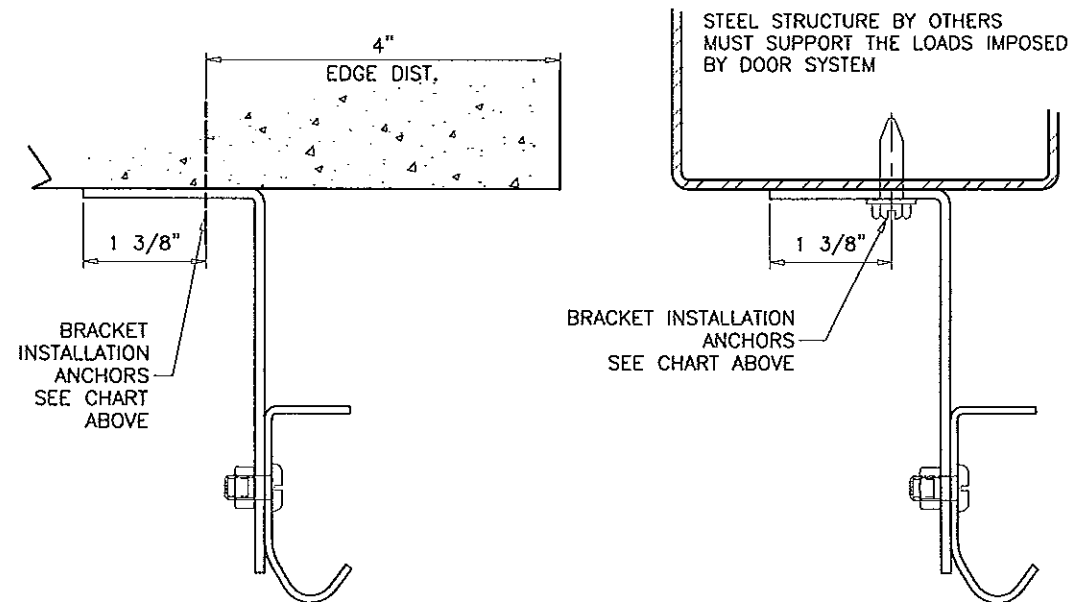
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12355 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
GARAGE\07-21AGD

SECTIONAL RESIDENTIAL GARAGE DOOR  
**ADVANCED GARAGE DOOR CORP.**  
9422 N.W. 109 STREET  
MEDLEY, FL. 33178  
TEL (786) 208-0376 FAX (305) 888-3195

revisions:	no	date	by	description
	A	05.12.08	REV. PER BOCO COMMENTS	
	B	01.08.13	UPDATED TO 2010 FBC	
date:	10-31-07			
scale:	1/2" = 1'-0"			
dr. by:	HAMID			
chk. by:				
drawing no.	07-21			
sheet 1 of	4			

BRACKET INSTALLATION ANCHORS				
TYPE	STRUCTURE	EMBED	NO. PER BRACKET	CL TO CL SPACING
5/16" LAG SCREWS	WOOD	1-7/16"	2	1"
3/8" WEDGE-BOLT ANCHOR BY 'POWERS'	CONC. GROUT FILLED BLOCK	3-1/2"	1	-
5/16" DRIL-FLEX	1/4" THK. ALUM	-	1	-
5/16" DRIL-FLEX	1/8" THK. STEEL	-	1	-

CONC. = MIN. 3000 PSI



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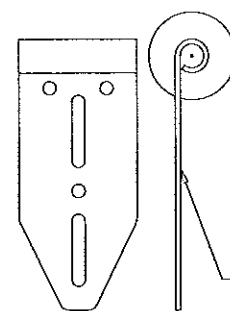
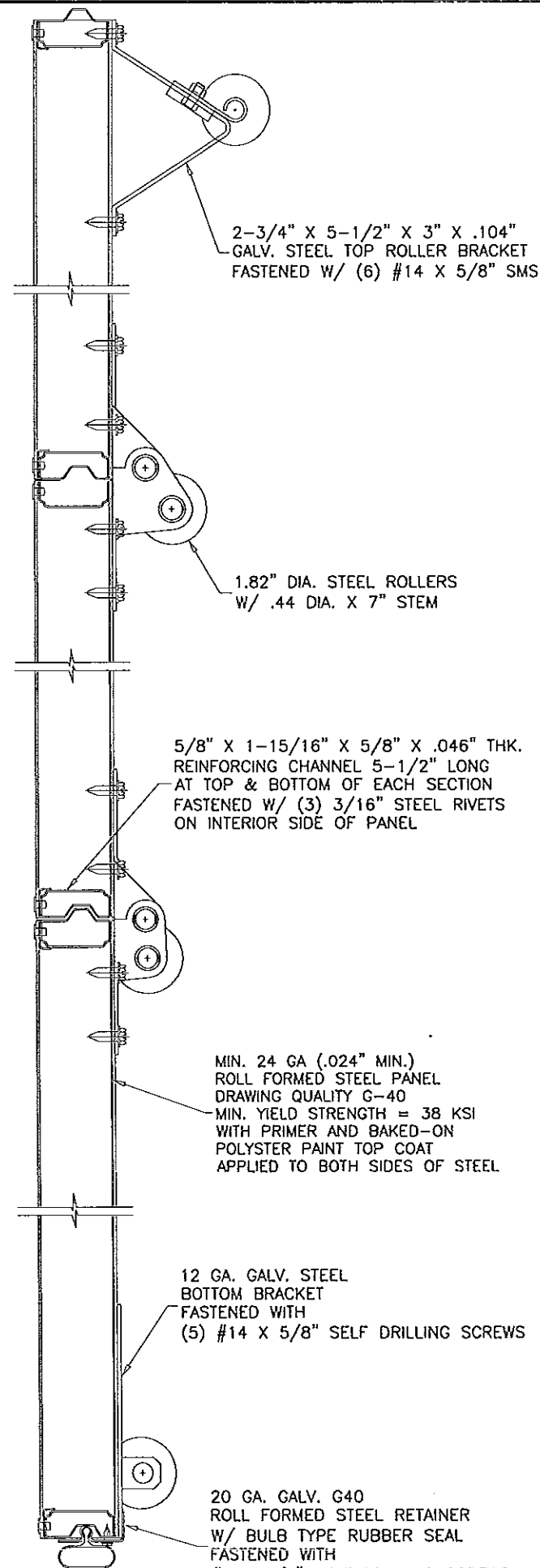
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dr. by: HAMID

chk. by:

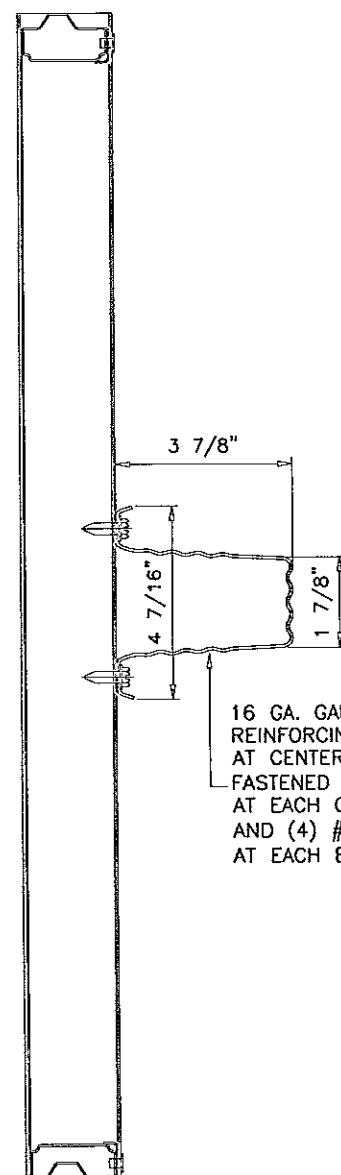
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sheet 2 of 4



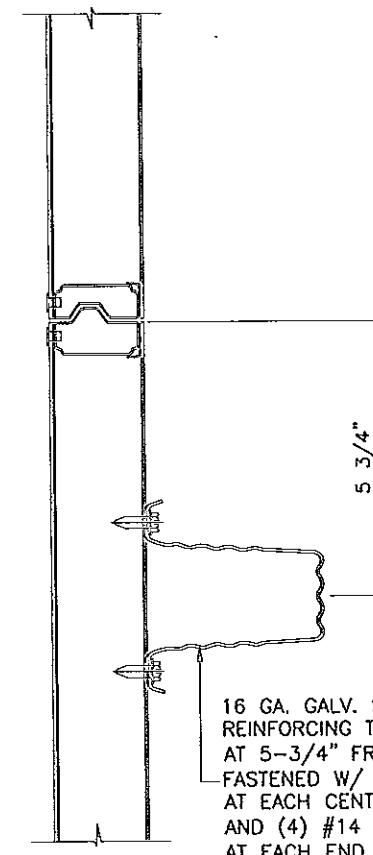
TOP ROLLER BRACKET FOR  
LOW HEADROOM OPTION

2-1/2" X 5-3/4" X 3" X .104"  
GALV. STEEL TOP ROLLER BRACKET  
FASTENED W/ (6) #14 X 5/8" SMS



PANEL SECTIONS TYP.  
REINFORCING TRUSS  
AT CENTER OF EACH PANEL

16 GA. GALV. STEEL 55 KSI MIN. G-40  
REINFORCING TRUSS  
AT CENTER OF EACH PANEL  
FASTENED W/ (2) #14 X 5/8" SMS  
AT EACH CENTER STILE  
AND (4) #14 X 5/8" SELF DRILLING SCREWS  
AT EACH END STILE (8 TOTAL PER END)



SECTION AT LOCK PANEL ONLY  
REINFORCING TRUSS  
AT TOP OF PANEL

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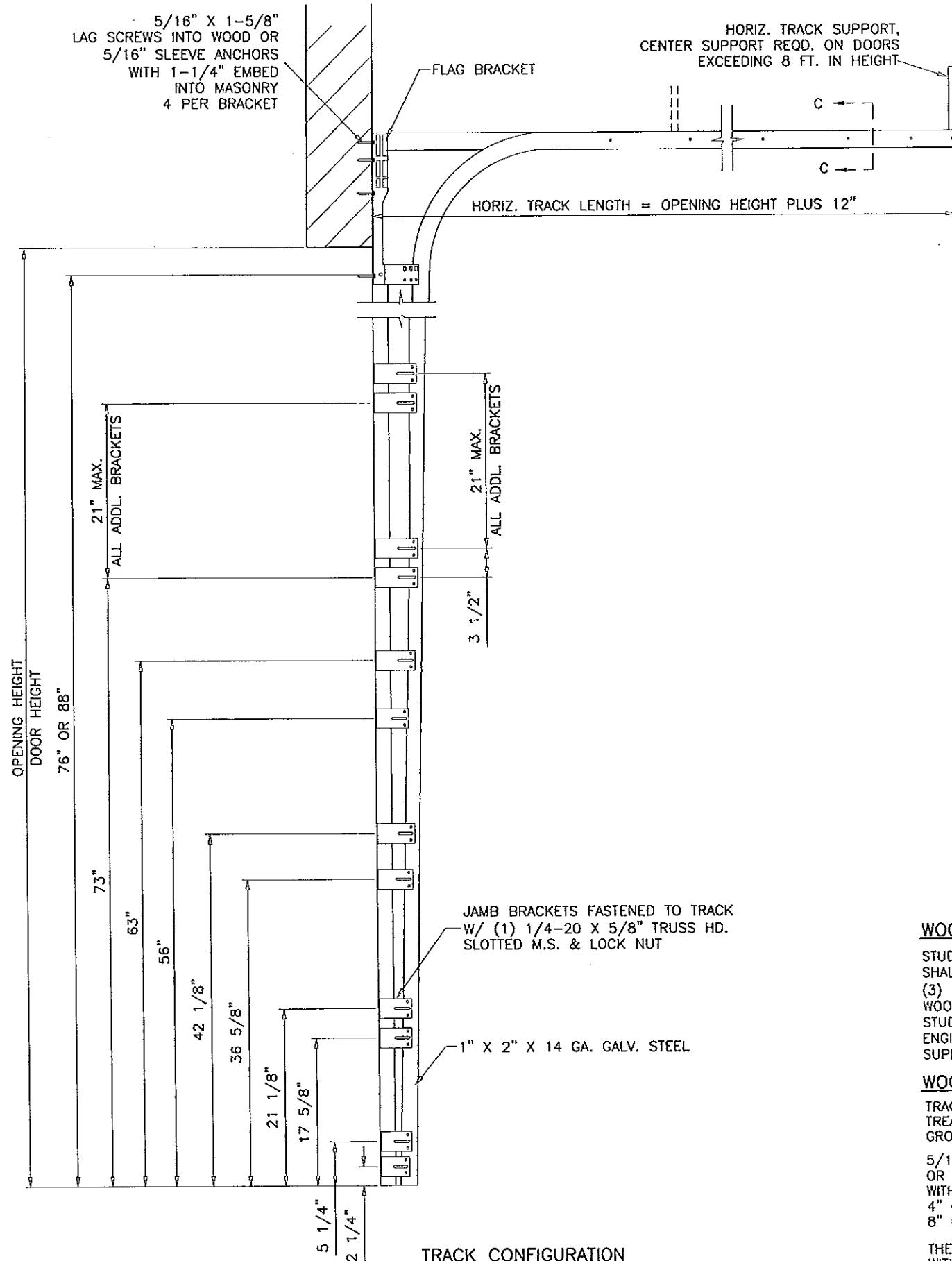
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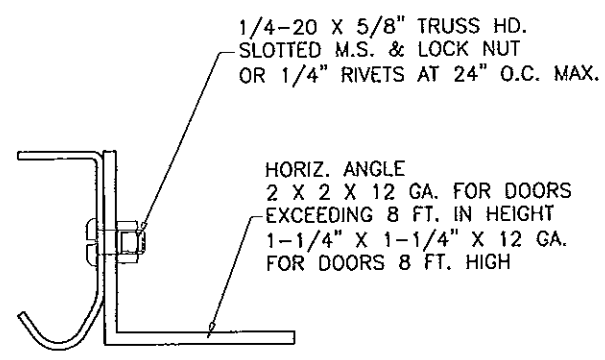
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dr. by: HAMID  
chk. by:

drawing no.  
**07-21**  
sheet 3 of 4



**TRACK CONFIGURATION**  
1/16" = 1"

**SECTION C-C**



**WOOD FRAME BUILDINGS**

STUD WALLS OR DOOR OPENING (NOT BY ADVANCE DOOR) SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2X6 PRESSURE TREATED GRADE 2 SYP OR BETTER WOOD STUDS. STUD WALLS TO BE CONT. FROM FOOTING TO TIE BEAM. ENGINEER OF RECORD TO VERIFY ADEQUACY OF THE SUPPORTING STRUCTURE.

**WOOD BUCK CONNECTION TO MASONRY**

TRACK SHALL BE SECURED WITH TRACK BRACKETS TO PRESSURE TREATED 2X6 SYP WOOD JAMBS WHICH SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH

5/16" ULTRACONS BY 'ELCO' OR EQUIV. ANCHOR HOLDING CURRENT NOTICE OF ACCEPTANCE. WITH SPACING OF 4" O.C. INTO BLOCK WALL, WITH 1-1/4" MIN. EMBED 8" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED

THE BLOCK WALL CELLS SHALL BE GROUT FILLED AND REINFORCED WITH FOUR # 5 BARS EXTENDING INTO FOOTING AND INTO TIE BEAMS ALL BARS SHALL BE CONTINUOUS FROM TIE BEAMS TO FOOTING.

**PREPARATION OF JAMBS BY OTHERS**

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
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*[Signature]*  
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dr. by: HAMID

chk. by:

drawing no.  
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sheet 4 of 4